FIG. 1

FIG.2

FIG. 3

OUTPUT

255

0   15

INPUT

FIG. 4

INPUT	OUTPUT
0	0
1	77
2	78
3	81
4	83
5	87
6	92
7	98
8	105
9	114
10	126
11	142
12	161
13	185
14	216
15	255

FIG. 5

DENSITY

FIG. 6

0   15

                                                        INPUT

OUTPUT
255

FIG. 7

0   15

                                                        INPUT

CENTER

RIGHT SIDE

MODE 0

LEFT SIDE

MODE 1

FIG. 8

301   302   303

PC   →   PRINTER CONTROLLER   →   PRINT ENGINE

FIG. 9

404   403

CPU   ROM

PC I/F   F. RAM   ENG. I/F

401   402   405

FIG. 10

START

ANALYZE COMMANDS —S501

RASTERISE —S502

S503

LINE COMMANDS? — NO

YES

PERFORM LINE DITHER —S504

S505

PERFORM LINE DITHER

TRANSFER DATA
TO ENGINE —S506

END
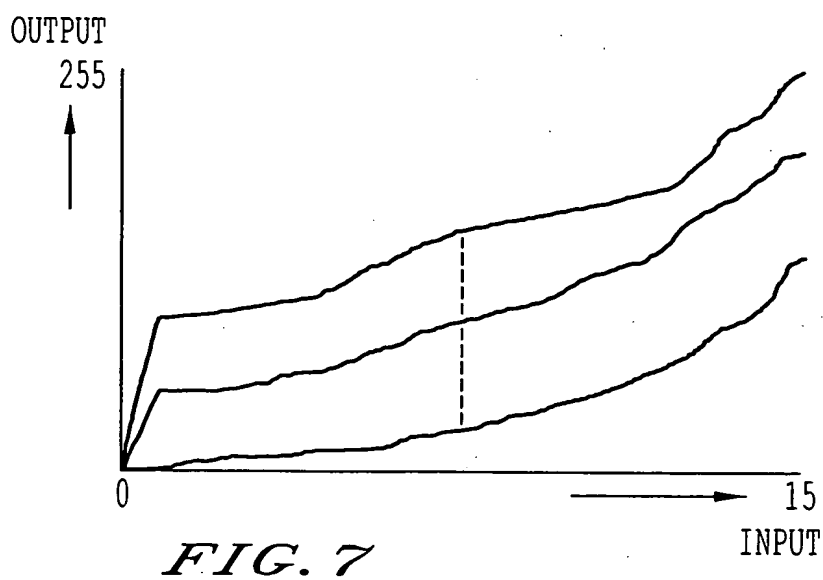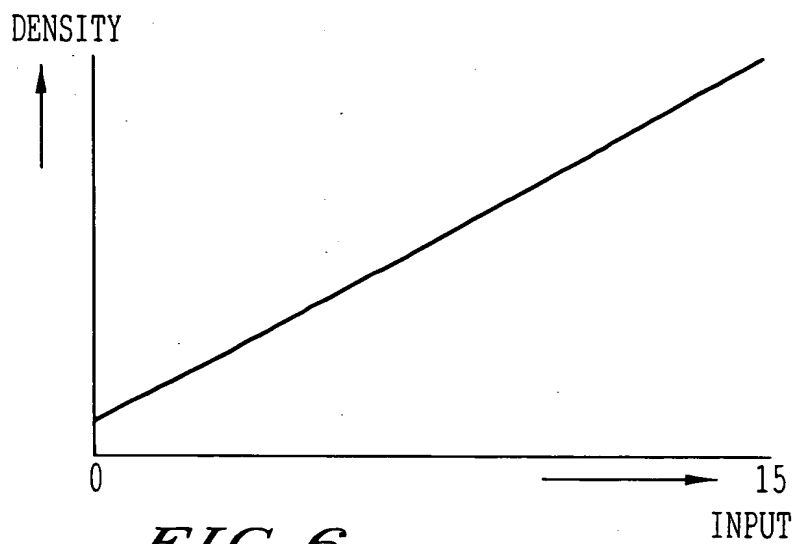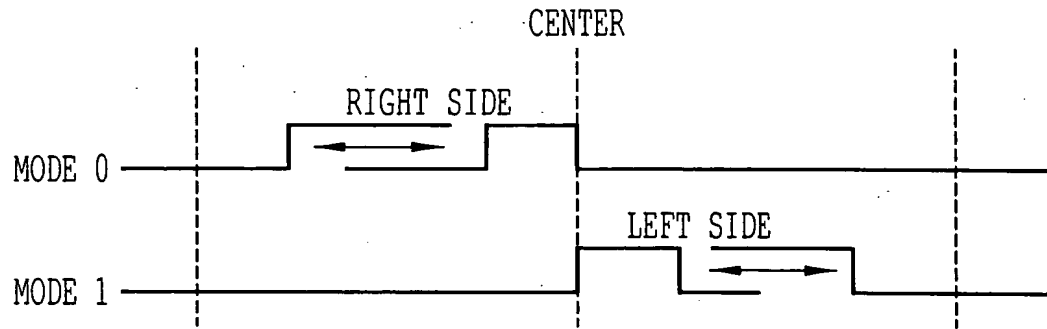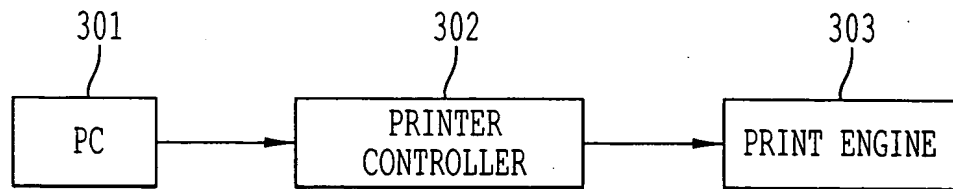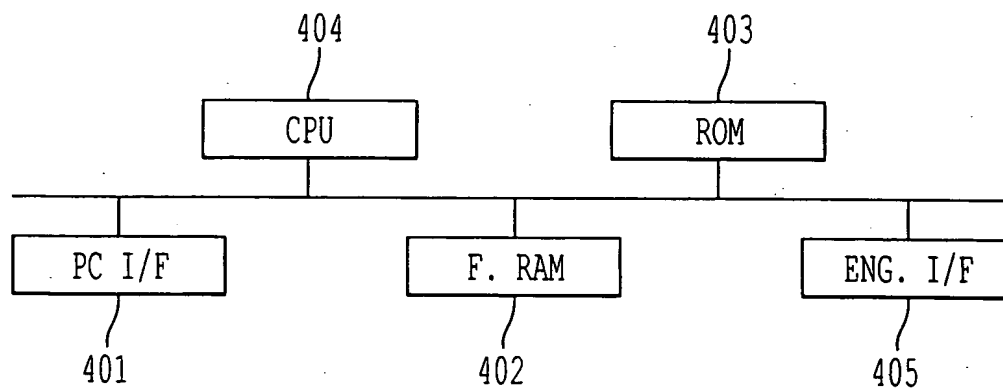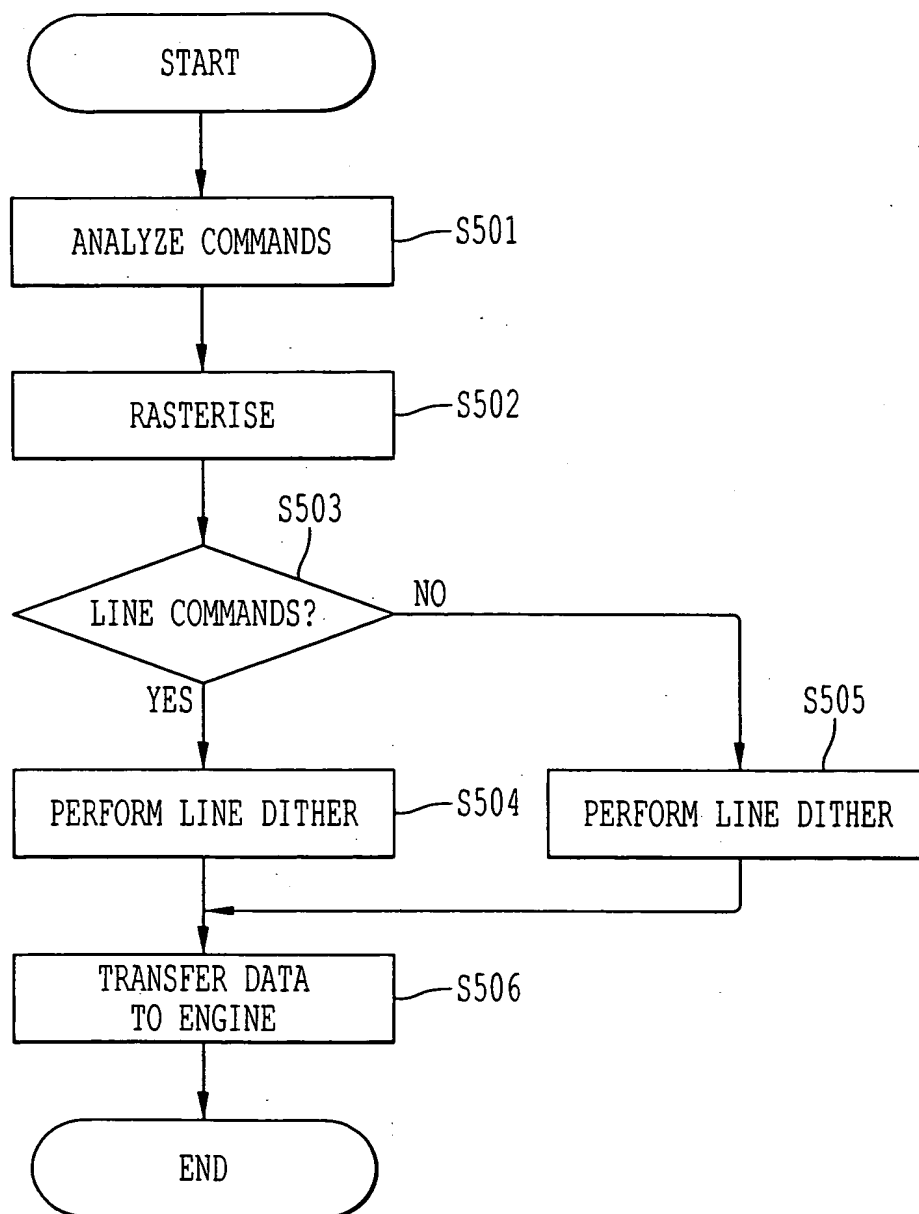
FIG. 11

1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1

FIG. 12A

34	13	19	28
37	1	7	43
22	25	31	16
10	46	40	4

FIG. 13A

19	9	12	16
21	3	6	24
13	15	18	10
7	25	22	4

FIG. 12B

35	14	20	29
38	2	8	44
23	26	32	17
11	47	41	5

FIG. 13B

42	32	35	39
44	26	29	47
36	38	41	33
30	48	45	27

FIG. 12C

36	15	21	30
39	3	9	45
24	27	33	18
12	48	42	6

FIG. 13C
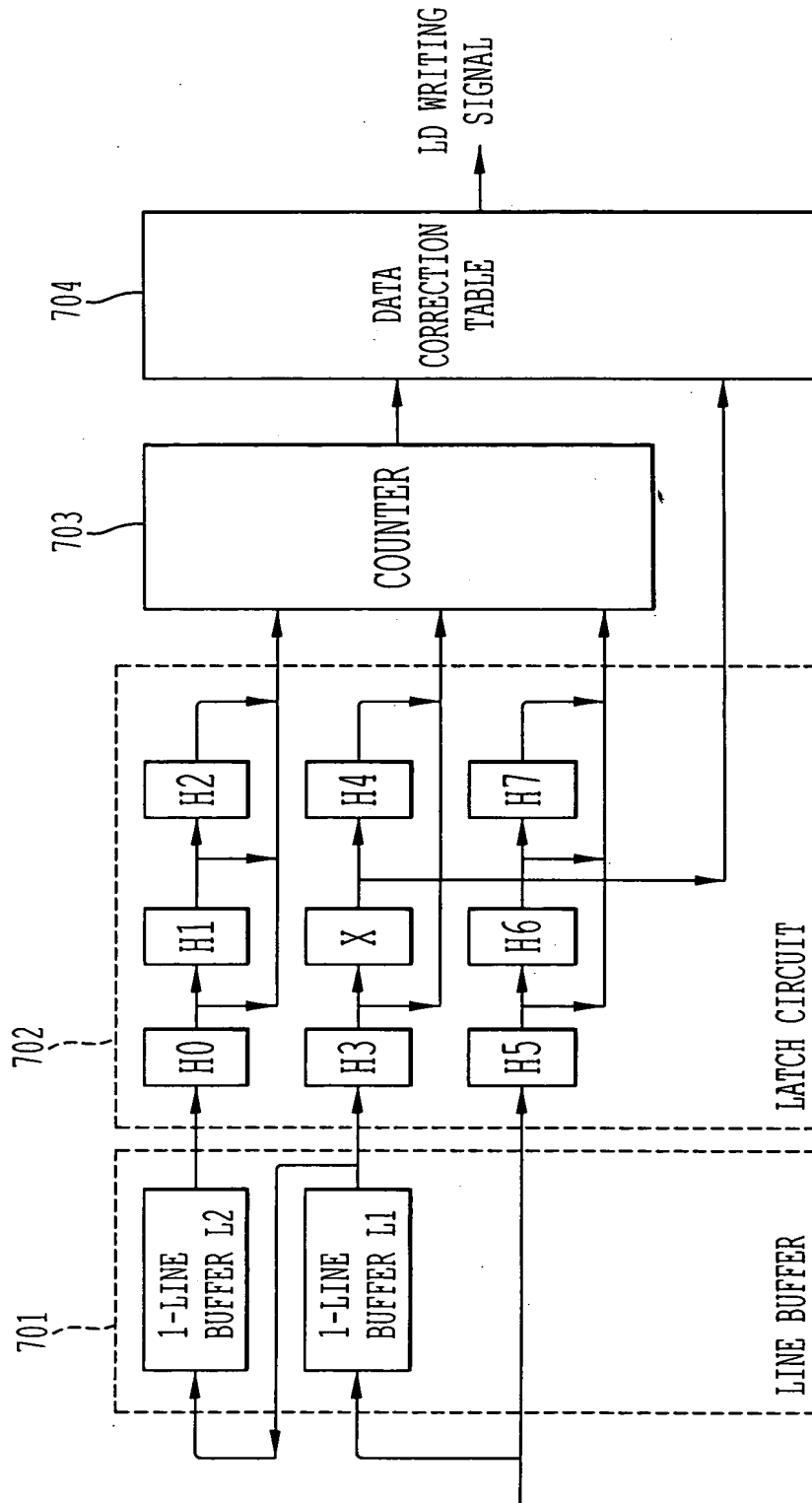
FIG. 14

INPUT DATA	LD WRITING VALUE	
	0~7	8
1	85	30
2	170	80
3	255	255

FIG. 15